

**1.1 Practice B****Solve the equation. Check your solution.**

1.  $-13 + x = -25$

2.  $h + 4\pi = 30\pi$

3.  $4.5 = m + 2.75$

4.  $a - \frac{3}{4} = \frac{2}{3}$

5.  $\frac{1}{6} = \frac{5}{12} + p$

6.  $c - 2.3 = -5.1$

7. You shopped online and found your MP3 player for \$9.75 less than the store price  $p$ . The online price was \$64. Write and solve an equation to find the store price.

**Solve the equation. Check your solution.**

8.  $-1.6x = 8$

9.  $\frac{h}{2\pi} = 4.3$

10.  $\frac{4}{3} = \frac{2}{15}j$

11.  $-23.6 = 5.9t$

12.  $6\pi = -2\pi q$

13.  $\frac{3}{7}w = -4$

14. The area of a rectangle is 55.8 square inches. The width of the rectangle is 4.5 inches. Write and solve an equation to find the length of the rectangle.

**Solve the equation. Check your solution.**

15.  $5.6 \div 0.4 - r = -8$

16.  $n - 5 \cdot \frac{2}{3} = \frac{3}{4}$

17. Write an addition equation and a multiplication equation that each have a solution of  $-5$ .

18. A fruit basket contains oranges and grapefruits. One-third of the oranges and one-fourth of the grapefruits were spoiled. You threw away 4 oranges and 7 grapefruits. How many pieces of fruit were in the basket?

19. You and two friends pay \$40 for tickets. The cost was divided three ways in the ratio  $1 : 3 : 6$ . How much did each person pay?